FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ Date: 08-04-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Road in AK Colony, Doddabommasandra in Ward No.10}
Ref. : Letter No. Testing/BUB/2015-16, dated 06-04-2015
Sample supplied to lab by : Sri.K.Shankar Reddy, Contractor,
Bangalore
Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.80**	95-100
26.50	**---**	-
22.40	**73.50**	60-80
11.20	**44.00**	40-60
4.75	**37.80**	25-40
2.36	**24.00**	15-30
0.600	**19.00**	8-22
0.075	**5.10**	0-8

*As Furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

8/4/2015
Dr. MANJESH .L
ME (Civil Engg), Ph.D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

AE-10
ಸ.ಕಾ.ಅ.

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ Date: 15-04-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Road in AK Colony, Doddabommasandra in Ward No.10}
Ref. : Letter No. Testing/BUB/2015-16, dated 13-04-2015
Sample supplied to lab by : Sri.K.Shankar Reddy, Contractor,
Bangalore
Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.00**	95-100
26.50	**---**	-
22.40	**70.10**	60-80
11.20	**48.00**	40-60
4.75	**36.00**	25-40
2.36	**25.60**	15-30
0.600	**18.40**	8-22
0.075	**4.60**	0-8

*As Furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

AE-10
ಸ.ಕಾ.ಅ.

Dr. MANJESH .L
ME (Civil Engg .). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
★ ★ ★ ★ ★
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 24-04-2015**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Road in AK Colony, Doddabommasandra in Ward No.10}
Ref. : Letter No. Testing/BUB/2015-16, dated 23-04-2015
Sample supplied to lab by : Sri.K.Shankar Reddy, Contractor,
Bangalore
Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.30**	95-100
26.50	**---**	-
22.40	**72.50**	60-80
11.20	**47.00**	40-60
4.75	**33.40**	25-40
2.36	**23.80**	15-30
0.600	**17.40**	8-22
0.075	**5.00**	0-8

*As Furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

AE-10
ಸ.ಕಾ.ಅ.

24/04/2015
Dr. MANJESH .L
ME (Civil Engg .). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 12-05-2015**

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to Road in AK Colony, Doddabommasandra in Ward No.10}

Ref. : Letter No. Testing/BUB/2015-16, dated 11-05-2015

Sample supplied to lab by : Sri.K.Shankar Reddy, Contractor,
Bangalore

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

TEST RESULTS:

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.08 %**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.70**	90—100
4.75	**43.00**	35—51
2.36	**30.40**	24—39
1.18	**18.90**	15—30
0.3	**14.20**	09—19
0.075	**5.00**	03—08

* As furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com